



Project Manager Tactical Radio Communications Systems

Combat Survivor Evader Locator (CSEL)

MISSION

To provide communications with rescue forces. The Combat Survivor Evader Locator (CSEL) capability is needed to ensure isolated personnel are quickly and efficiently rescued and returned to friendly forces.

DESCRIPTION & SPECIFICATIONS

The Combat Survivor Evader Locator (CSEL) hand held radio (HHR) is the Joint Service solution to the critical shortfall of survival radios to support current world wide mission. The CSEL radio is the first radio to contain three satellite waveforms, AM voice and GPS in a hand held radio form factor. CSEL weighs about 32 ozs and can tolerate all weather and all threat conditions.

CSEL's satellite data links allows rescue execution orders within minutes, significantly increasing probability of rescue while reducing risks to rescue forces. CSEL Selective Availability/Anti-Spoofing Module (SAASM) GPS enable first pass recovery of the isolated personnel (IP).

The CSEL System will be utilized for locating and rescuing downed aircrew members. CSEL will provide enhanced CSAR capabilities by replacing existing, antiquated survival radios (PRC-90/112/112B) with current and emerging location and communication technologies. CSEL is a joint program between the Air Force, Navy, and Army which in the end will provide a reliable 24-hour two-way near-real-time secure messaging and voice communications system with a system base station (or other designated user terminal), plus have accurate geopositioning. It must ensure recovery forces can authenticate and extract a survivor on the first attempt in all terrain, threat, and visibility conditions worldwide, independent of the isolated person's location or circumstances.



Milestones (Achieved/Schedule)

- Joint ACAT III, OSD Oversight, Air Force Lead
- First Army Fielding to 3ID Sep 04
- Urgent Material Release Approved for 3ID, 4ID, 101st AA, 10th MTN DIV Dec 04
- 350 CSEL's Deployed in support of OIF Jan 05
- FPR Award Mar 05

Prime Contractor

Boeing (Anaheim, CA)

PM TRCS Points of Contact



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